

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method for capturing information for activity in a database, the database including one or more sessions that may or may not be active over a period of time, the method comprising:

determining a plurality of times to sample the database;

at each of the each plurality of times, performing the steps of:

determining one or more active sessions from the one or more sessions included in the database that are active at the time, the one or more active sessions associated with operations being performed in the database at the time of sampling;

capturing information for activity in the database at the time sampling for each of the one or more active sessions; and

storing the captured information for each of the active sessions to generate a snapshot of activity in the database for each of the active sessions.

2. (Original) The method of claim 1, wherein capturing information comprises capturing the information using an internal process in the database.

3. (Original) The method of claim 1, wherein at different times in the plurality of times, the determined one or more active sessions include different sessions.

4. (Original) The method of claim 1, wherein at least a part of the stored capturing information for a session provides a session history.

5. (Original) The method of claim 1, wherein capturing information for each of the one or more active sessions is performed without using SQL.

6. (Original) The method of claim 1, further comprising:
filtering the captured information based on which information is desired; and
archiving the captured information for a session if it is desired.

7. (Original) The method of claim 6, wherein filtering the captured information comprises filtering the captured information based on a time the captured information was captured.

8. (Original) The method of claim 1, wherein the captured information includes at least one of a username, a request syntax, and information on what activity the session is performing at the time.

9. (Original) The method of claim 1, wherein storing the captured information comprises storing the information storing the information in at least one of temporary storage and archival storage.

10. (Original) The method of claim 1, further comprising creating a view from the captured information, the viewing indicating database activity.

11. (Canceled)

12. (Original) The method of claim 1, wherein the plurality of times includes times in a periodic interval.

13. (Currently amended) An apparatus for sampling database activity, the database including one or more sessions that may or may not be active over a period of time, the method comprising:

a session activity determiner configured to determine one or more active sessions of one or more sessions in the database at certain times over a time interval, wherein the one or more sessions may or may not be active over a period of time, and wherein the one or more active sessions are associated with operations being performed in the database at the certain times; and

an activity sampler configured to capture samples of database activity for active sessions at the certain times, wherein the samples are captured by recording a sequence of snapshots of information for activity in the database for one or more active sessions over time.

14. (Original) The apparatus of claim 13, wherein the activity sampler is located in the database.

15. (Original) The apparatus of claim 13, further comprising a storage device configured to store the captured samples of activity.

16. (Original) The apparatus of claim 15, wherein the storage device comprises a temporary storage.

17. (Original) The apparatus of claim 16, further comprising archival storage configured to store information that is older than information stored in temporary storage.

18. (Original) The apparatus of claim 15, further comprising a view creator configured to create a view of database activity from the information stored in the storage device.

19. (Original) The apparatus of claim 13, further comprising a filter configured to filter the captured samples to determine which information in the captured sampled should be stored.

20. (Canceled)

21. (Original) The apparatus of claim 13, wherein the activity sampler is configured to capture the samples of activity without using a query language.

22. (Currently amended) A method for capturing session activity in a database, the database including one or more sessions that may or may not be active over a period of time, the method comprising:

determining one or more active sessions from the one or more sessions in the database at certain times over a time interval, wherein the one or more active sessions are associated with operations being performed in the database at the certain times; and

capturing samples of database activity for active sessions at the certain times, wherein the samples are captured by recording a sequence of snapshots of information for activity in the database for one or more active sessions over time.

23. (Original) The method of claim 22, further comprising storing the samples of activity.

24. (Original) The method of claim 23, wherein storing the samples comprises storing the samples in at least one of temporary storage and archival storage.

25. (Original) The method of claim 23, wherein information in temporary storage has been captured more recently than information in the archival storage.

26. (Original) The method of claim 23, further comprising filtering information in the temporary storage to determine if the information should be stored in the archival storage.

27. (Original) The method of claim 23, further comprising creating a view from the stored information indicating database activity over a period of time.

28. (Canceled)

29. (Original) The method of claim 22, wherein capturing samples of activity is performed without using SQL.

30. (Original) The method of claim 22, wherein capturing samples of activity comprises capturing the samples of activity using an internal process in the database.

31. (Currently amended) A computer program product storing instructions on a computer-readable medium for a computer system having a processor configured to execute

the instructions to perform operations for capturing information for activity in a database, the database including one or more sessions that may or may not be active over a period of time, the computer program product comprising:

code for determining a plurality of times to sample the database;

code for, at each of the each plurality of times, performing the steps of:

determining one or more active sessions from the one or more sessions included in the database that are active at the time, the one or more active sessions associated with operations performed in the database at the time of sampling;

capturing information for each of the one or more active sessions for activity in the database at the time of sampling; and

storing the captured information for each of the active sessions to generate a snapshot of activity in the database for each of the active sessions.

32. (Previously presented) The computer program product of claim 31, wherein the code for performing the step of capturing information comprises code for capturing the information using an internal process in the database.

33. (Original) The computer program product of claim 31, wherein at different times in the plurality of times, the determined one or more active sessions include different sessions.

34. (Previously presented) The computer program product of claim 31, wherein the code for performing the step of capturing information for each of the one or more active sessions includes code for capturing the information without using SQL.

35. (Canceled)

36. (Currently amended) A computer program product storing instructions on a computer-readable medium for a computer system having a processor configured to execute the instructions to perform operations for capturing session activity in a database, the database

including one or more sessions that may or may not be active over a period of time, the computer program product comprising:

code for determining one or more active sessions from the one or more sessions in the database at certain times over a time interval, the one or more active sessions associated with operations performed in the database at the certain times; and

code for capturing samples of database activity for active sessions at the certain times, wherein the samples are captured by recording a sequence of snapshots of information for activity in the database at the time of sampling for one or more active sessions over time.

37. (Canceled)

38. (Previously Presented) The computer program product of claim 36, wherein the code for capturing samples of activity includes code for capturing the information without using SQL.

39. (Previously Presented) The computer program product of claim 36, wherein the code for capturing samples of activity comprises code for capturing the samples of activity using an internal process in the database.